

### **Abstract**

An abrasion-resistant jacket for a flexible cable with a cable core and a jacket made of an abrasion-resistant thermoplastic material surrounding the cable core, particularly for a drag chain cable or a robot cable. The jacket includes an inner extruded plastic layer (2) and an outer jacket layer (4). Between the inner plastic layer (2) and the outer jacket layer (4) is a layer (3) of monofilaments made of a chemically and thermally stable material with a visual coverage of 40 to 70%. The outer jacket layer (4) is applied by pressure extrusion, such that the spaces in the layer (3) are almost filled by the material of the outer jacket layer, and the layer (3) adheres to the inner sheath layer (2).